

## **RULE BASED CONFIGURATION ENGINE FOR A DATABASE**

Kevin E. Gilpin  
Adam R. Stein

### **Abstract of the Disclosure**

- 5           The invention provides the ability to test rules in a rule-based system for  
configuring a product. The configuration system defines the components of a product  
using elements contained in a parts catalog and rules that define relationships between  
the components of a product. The user provides test cases that select at least one part  
to include in the product configuration, and the configuration tester processes the rule  
10   to determine whether the at least one part selected in the test case conflicts with the  
plurality of parts previously included in the product configuration.